Cancer Letters, 39 (1988) 345–348
Elsevier Scientific Publishers Ireland Ltd.

SUBJECT INDEX
Volume 39

adenocarcinoma, monoclonal antibody, colon antigen, 161
S-adenosylhomocysteine, DNA methylation, tumor cells, 319
adrenergic receptor, receptor subtypes, rat ascites hepatoma, hepatocytes, 267
adriamycin toxicity, ketotifen, histamine, 145
aflatoxin B1, plant phenolic flavonoids, microsome catalyzed reactions, DNA adduct formation, 85
Ames/*Salmonella* mutagenicity, fecapentaenes, structure/activity relation, rat liver detoxication, 287
3-aminobenzamide, γ-glutamyl-transpeptidase-positive foci, liver, 29
cAMP-dependent protein kinase, vitamin E succinate, differentiation, melanoma cells, 129
antiproliferative effects, difluoro-phenyl-ethyl(4-aminopropylamidinohydrazone), leukemia cells, 121
antitumor promoters, edible plants, 121 species, in vitro, Epstein-Barr virus, 12-*O*-hexadecanoylphorbol-13-acetate, 247
Aroclor, polychlorinated biphenyls, neoplastic nodule, tumors, 59
ascites tumor, cisplatin localization, 179

benzodiazepine-receptors, porphyrins, photosensitization, mitochondria, 193
benz[*j*]aceanthrylene (cholanthrylene), benz[*l*]-aceanthrylene, rat liver S9, 19
benz[*l*]aceanthrylene, benz[*j*]aceanthrylene (cholanthrylene), rat liver S9, 19
bile, bile duct ligation, pancreatic juice, β-glucuronidase, 339
bile duct ligation, bile, pancreatic juice, β-glucuronidase, 339
1,3-bis[2-chloroethyl]-1-nitrosourea, low pH, glucose, heat, 275
bladder cancer, glutathione *S*-transferase, transcription, 209
breast carcinoma, polyamines, cellular growth, rectal carcinoma, 311
brussels sprouts, 7,12-dimethylbenza[*a*]anthracene, rats, mammary cancer, 199

C3H/He mice, phenobarbital, hepatic tumorigenesis, germfree, 233
C3H mice, mouse liver tumors, tumor promotion, phenobarbital, 9
cancer predisposition, DNA-RNA hybridization, 297
cancer prevention, non-toxic dose levels, vitamin E, vitamin A, selenium, rat mammary tumors, 7,12-dimethylbenz[*a*]anthracene, 239
carcinomas, vagina, diethylstilbestrol, methylcholanthrene, 227
cellular growth, polyamines, breast carcinoma, rectal carcinoma, 311
cell culture, HTLV-1, 4-*O*-methyl 12-*O*-tetradecanoyl phorbol-13-acetate, teleocidin, 5-iodo-2′-deoxyuridine, phorbol, 329
chillies, foodstuff, *N*-nitrosamines, Kashmir, simulated gastric nitrosation, 259
cholic acid and/or indole, β-glucuronidase, dimethylhydrazine carcinogenesis, 69
cisplatin localization, ascites tumor, 179
colon antigen, monoclonal antibody, adenocarcinoma, 161
cytotoxicity, spermine products, mouse lymphoma, 93

diethylstilbestrol, vagina, methylcholanthrene, carcinomas, 227
differentiation, vitamin E succinate, cAMP-dependent protein kinase, melanoma cells, 129
difluoro-phenyl-ethyl(4-aminopropylamidinohydrazone), antiproliferative effects, leukemia cells, 121
7,12-dimethylbenza[*a*]anthracene, brussels sprouts, rats, mammary cancer, 199
7,12-dimethylbenz[*a*]anthracene, cancer prevention, non-toxic dose levels, vitamin E, vitamin A, selenium, rat mammary tumors, 239
dimethylhydrazine carcinogenesis, β-glucuronidase, cholic acid and/or indole, 69
DNA-RNA hybridization, cancer predisposition, 297

DNA adduct formation, plant phenolic flavonoids, microsome catalyzed reactions, aflatoxin B1, 85
DNA methylation, *S*-adenosylhomocysteine, tumor cells, 319
5-DNA methylation, 5-methylcytosine, leukemia, 185

edible plants, 121 species, in vitro, Epstein-Barr virus, 12-*O*-hexadecanoylphorbol-13-acetate, antitumor promoters, 247
endotoxin shock, tumour necrosis factor, mannoheptulose and anti-inflammatory drug treatment, 137
Epstein-Barr virus, edible plants, 121 species, in vitro, 12-*O*-hexadecanoylphorbol-13-acetate, antitumor promoters, 247
esophageal cancer, *N*-nitroso compounds, Kashmir, 37

fecapentaenes, Ames/*Salmonella* mutagenicity, structure/activity relation, rat liver detoxication, 287
fluorescence polarization, tumor plasma membrane, RNA-released vesicles, mobile phospholipids, NMR spectroscopy, 153
folinic acid, 7-hydroxymethotrexate, Raji cells, 45
foodstuff, chillies, *N*-nitrosamines, Kashmir, simulated gastric nitrosation, 259
formaldehyde, short exposure, rats, nasal tumours, 101
FU and BVDU, combination of, P388-leukemic mice, 217

gamma-interferon, hepatocellular carcinoma cell lines, histocompatibility complex, 305
germfree, phenobarbital, hepatic tumorigenesis, C3H/He mice, 233
glucose, 1, 3-bis[2-chloroethyl]-1-nitrosourea, low pH, heat, 275
β-glucuronidase, bile duct ligation, bile, pancreatic juice, 339
β-glucuronidase, dimethylhydrazine carcinogenesis, cholic acid and/or indole, 69
γ-glutamyl-transpeptidase-positive foci, 3-aminobenzamide, rat liver, 29
glutathione *S*-transferase, transcription, bladder cancer, 209

heat, 1, 3-bis[2-chloroethyl]-1-nitrosourea, low pH, glucose, 275
hepatic DNA single strand breaks, 2,3,7,8-tetrachlorodibenzo-*p*-dioxin, lipid peroxidation, 281
hepatic tumorigenesis, phenobarbital, C3H/He mice, germfree, 233
hepatocellular carcinoma cell lines, gamma-interferon, histocompatibility complex, 305
hepatocytes, adrenergic receptor, receptor subtypes, rat ascites hepatoma, 267
12-*O*-hexadecanoylphorbol-13-acetate, edible plants, 121 species, in vitro, Epstein-Barr virus, antitumor promoters, 247
histamine, ketotifen, adriamycin toxicity, 145
histidine decarboxylase, ornithine decarboxylase, 12-*O*-tetradecanoylphorbol-13-acetate, sodium deoxycholate, indole, 77
histocompatibility complex, gamma-interferon, hepatocellular carcinoma cell lines, 305
HTLV-1, 4-*O*-methyl 12-*O*-tetradecanoyl phorbol-13-acetate, teleocidin, 5-iodo-2'-deoxyuridine, phorbol, cell culture, 329
7-hydroxymethotrexate, folinic acid, Raji cells, 45

indole, ornithine decarboxylase, histidine decarboxylase, 12-*O*-tetradecanoylphorbol-13-acetate, sodium deoxycholate, 77
in vitro, edible plants, 121 species, Epstein-Barr virus, 12-*O*-hexadecanoylphorbol-13-acetate, antitumor promoters, 247
5-iodo-2'-deoxyuridine, HTLV-1, 4-*O*-methyl 12-*O*-tetradecanoyl phorbol-13-acetate, teleocidin, phorbol, cell culture, 329

Kashmir, foodstuff, chillies, *N*-nitrosamines, simulated gastric nitrosation, 259
Kashmir, *N*-nitroso compounds, esophageal cancer, 37
ketotifen, adriamycin toxicity, histamine, 145

leukemia, DNA methylation, 5-methylcytosine, 185
leukemia cells, difluoro-phenyl-ethyl(4-aminopropylamidinohydrazone), antiproliferative effects, 121
lipid peroxidation, 2,3,7,8-tetrachlorodibenzo-*p*-dioxin, hepatic DNA single strand breaks, 281
low pH, 1,3-bis[2-chloroethyl]-1-nitrosourea, glucose, heat, 275

mammary cancer, brussels sprouts, nitrosourea, 7,12-dimethylbenza[*a*]anthracene, rats, 199
mannoheptulose and anti-inflammatory drug treatment, endotoxin shock, tumour necrosis factor, 137
melanoma cells, vitamin E succinate,

differentiation, cAMP-dependent protein kinase, 129
methylcholanthrene, vagina, diethylstilbestrol, carcinomas, 227
5-methylcytosine, DNA methylation, leukemia, 185
4-*O*-methyl 12-*O*-tetradecanoyl phorbol-13-acetate, HTLV-1, teleocidin, 5-iodo-2′-deoxyuridine, phorbol, cell culture, 329
microsome catalyzed reactions, plant phenolic flavonoids, aflatoxin B1, DNA adduct formation, 85
mitochondria, porphyrins, benzodiazepine-receptors, photosensitization, 193
mitochondrial fraction, tyrosine protein kinase, viral transformation, 1
mobile phospholipids, tumor plasma membrane, RNA-released vesicles, NMR spectroscopy, fluorescence polarization, 153
monoclonal antibody, colon antigen, adenocarcinoma, 161
mouse liver tumors, tumor promotion, C3H mice, phenobarbital, 9
mouse lymphoma, cytotoxicity, spermine products, 93
murine erythroleukemia cells, protein kinase, 113

nasal tumours, formaldehyde, short exposure, rats, 101
neoplastic nodule, polychlorinated biphenyls, Aroclor, tumors, 59
N-nitrosamines, foodstuff, chillies, Kashmir, simulated gastric nitrosation, 259
N-nitroso compounds, esophageal cancer, Kashmir, 37
NMR spectroscopy, tumor plasma membrane, RNA-released vesicles, mobile phospholipids, fluorescence polarization, 153
non-toxic dose levels, cancer prevention, vitamin E, vitamin A, selenium, rat mammary tumors, 7,12-dimethylbenz[*a*]anthracene, 239

ornithine decarboxylase, histidine decarboxylase, 12-*O*-tetradecanoylphorbol-13-acetate, sodium deoxycholate, indole, 77

P388-leukemic mice, FU and BVDU, combination of, 217
pancreatic juice, bile duct ligation, bile, β-glucuronidase, 339
phenobarbital, hepatic tumorigenesis, C3H/He mice, germfree, 233
phenobarbital, mouse liver tumors, tumor promotion, C3H mice, 9
phorbol, HTLV-1, 4-*O*-methyl 12-*O*-tetradecanoyl phorbol-13-acetate, teleocidin, 5-iodo-2′-deoxyuridine, cell culture, 329
photosensitization, porphyrins, benzodiazepine-receptors, mitochondria, 193
plant phenolic flavonoids, microsome catalyzed reactions, aflatoxin B1, DNA adduct formation, 85
polyamines, cellular growth, breast carcinoma, rectal carcinoma, 311
polychlorinated biphenyls, Aroclor, neoplastic nodule, tumors, 59
porphyrins, benzodiazepine-receptors, photosensitization, mitochondria, 193
protein kinase, murine erythroleukemia cells, 113

Raji cells, 7-hydroxymethotrexate, folinic acid, 45
rats, brussels sprouts, 7,12-dimethylbenz[*a*]anthracene, mammary cancer, 199
rats, formaldehyde, short exposure, nasal tumours, 101
rat ascites hepatoma, adrenergic receptor, receptor subtypes, hepatocytes, 267
rat liver, 3-aminobenzamide, γ-glutamyl-transpeptidase-positive foci, 29
rat liver detoxication, fecapentaenes, Ames/*Salmonella* mutagenicity, structure/activity relation, 287
rat liver S9, benz[*j*]aceanthrylene (cholanthrylene), benz[*l*]aceanthrylene, 19
rat mammary tumors, cancer prevention, non-toxic dose levels, vitamin E, vitamin A, selenium, 7,12-dimethylbenz[*a*]anthracene, 239
receptor subtypes, adrenergic receptor, rat ascites hepatoma, hepatocytes, 267
rectal carcinoma, polyamines, cellular growth, breast carcinoma, 311
RNA-released vesicles, tumor plasma membrane, mobile phospholipids, NMR spectroscopy, fluorescence polarization, 153

selenium, cancer prevention, non-toxic dose levels, vitamin E, vitamin A, rat mammary tumors, 7,12-dimethylbenz[*a*]anthracene, 239
short exposure, formaldehyde, rats, nasal tumours, 101
simulated gastric nitrosation, foodstuff, chillies, *N*-nitrosamines, Kashmir, 259

sodium deoxycholate, ornithine decarboxylase, histidine decarboxylase, 12-*O*-tetradecanoylphorbol-13-acetate, indole, 77
spermine products, cytotoxicity, mouse lymphoma, 93
structure/activity relation, fecapentaenes, Ames/*Salmonella* mutagenicity, rat liver detoxication, 287

teleocidin, HTLV-1, 4-*O*-methyl 12-*O*-tetradecanoyl phorbol-13-acetate, 5-iodo-2′-deoxyuridine, phorbol, cell culture, 329
2,3,7,8-tetrachlorodibenzo-*p*-dioxin, hepatic DNA single strand breaks, lipid peroxidation, 281
12-*O*-tetradecanoylphorbol-13-acetate, ornithine decarboxylase, histidine decarboxylase, sodium deoxycholate, indole, 77
transcription, glutathione *S*-transferase, bladder cancer, 209
tumors, polychlorinated biphenyls, Aroclor, neoplastic nodule, 59
tumor cells, DNA methylation, *S*-adenosylhomocysteine, 319
tumor plasma membrane, RNA-released vesicles, mobile phospholipids, NMR spectroscopy, fluorescence polarization, 153
tumor promotion, mouse liver tumors, C3H mice, phenobarbital, 9
tumour necrosis factor, endotoxin shock, mannoheptulose and anti-inflammatory drug treatment, 137
tyrosine protein kinase, mitochondrial fraction, viral transformation, 1

vagina, diethylstilbestrol, methylcholanthrene, carcinomas, 227
viral transformation, tyrosine protein kinase, mitochondrial fraction, 1
vitamin A, cancer prevention, non-toxic dose levels, vitamin E, selenium, rat mammary tumors, 7,12-dimethylbenz[*a*]anthracene, 239
vitamin E, cancer prevention, non-toxic dose levels, vitamin A, selenium, rat mammary tumors, 7,12-dimethylbenz[a]anthracene, 239
vitamin E succinate, differentiation, cAMP-dependent protein kinase, melanoma cells, 129

Cancer Letters, 39 (1988) 349 – 350
Elsevier Scientific Publishers Ireland Ltd.

AUTHOR INDEX
Volume 39

Anderson, J.L. 199
Appelman, L.M. 101

Baldini, L. 145
Balzarini, J. 217
Banjeri, A.S. 59
Bhattacharya, R.K. 85
Blakeslee, Jr. J.R. 329
Boehm, T.L.J. 185
Borghetti, A.F. 1
Bouzyk, E. 93
Bruyntjes, J.P. 101
Butler, M.R. 209

Candussio, L. 145
Cano, J.-P. 45
Carter, L.J. 329
Chan, S.H. 305
Chanda, R. 311
Chang, G.W. 339
Cheng, C.P. 137
Choy, Y.M. 137

De Clercq, E. 217
Decorti, G. 145
Denda, A. 29
Diatloff-Zito, C. 297
Drahovsky, D. 185

Easterling, R.E. 19
Eimoto, H. 29
Ellis, S. 19

Fabre, I. 45
Fabre, G. 45
Feron, V.J. 101
Firozi, P.F. 85
Flickinger, F.L. 113
Fukumoto, H.E. 339
Fung, K.P. 137

Ganguly, A.K. 311
Grill, V. 145
Guidoni, L. 153

Hanania, N. 297
Head, M.R. 339
Henle, K.J. 275
Hibasami, H. 121
Huang, K. 161
Humphries, P. 209

Immel, H.R. 101
Ip, C. 239

Jenkins, T.L. 275

Keizer, H.J. 217
Kessel, D. 193
Klugmann, F.B. 145
Kondo, A. 247
Konishi, Y. 29
Koshimizu, K. 247
Koshiura, R. 267

Landuyt, W. 217
Lane, M. 161
Lawson, T.A. 281
Lee, C.Y. 137
Li, Y. 77
Li, Y. 69
Liteplo, R.G. 319
Loh, S.C. 137
Luciani, A.M. 153
Luey, L.U. 137
Lynch, P. 9

Maekawa, S. 121
Mallardi, F. 145
Mariutti, G. 153
Masoudi, F. 129
McQuaid, S. 209
Mitsuoka, T. 233
Miyamoto, K.-I. 267
Mizutani, T. 233
Montagnier, L. 1
Moosic, J.P. 161
Moss, A.J. 275
Munson, L. 199
Murata, T. 121

Nagle, W.A. 275
Nakashima, K. 121
Neilan, B.A. 275
Nesnow, S. 19

Ohigashi, H. 247
O'Brien, A. 209

Pauwels, R. 217
Payet, B. 45
Pellicer, J.A. 179
Pertusa, J. 179
Peters, J.H. 287
Pfeifer, G.P. 185
Piedimonte, G. 1
Prasad, K.N. 129
Preussmann, R. 37, 259

Rao, C.V. 59
Reist, E.J. 287
Ren, E.C. 305
Riccio, E.S. 287
Riggs, C. 9
Rodilla, V. 179
Rosi, A. 153
Rosiek, O. 93
Ross, J. 19

Sakurai, M. 121
Sanae, F. 267
Schaool, D. 297
Siddiqi, M. 37, 259
Silvotti, L. 1
Steigerwald, S. 185
Stewart, K.R. 287
Stoewsand, G.S. 199
Stohs, S.J. 281
Sun, Y. 69, 77

Taylor, C.W. 161
Tokuda, H. 247
Torelli, S. 129
Tricker, A.R. 37, 259
Tsutsumi, M. 29

Van Der Schueren, E. 217
Viti, V. 153

Wahba, Z.Z. 281
Walker, B.E. 227
Ward, J.M. 9
Watts, R. 19
Wong, L.Y.M. 305
Woutersen, R.A. 101

Yamaguchi, K. 247
Yeoman, L.C. 161
Yokose, Y. 29

Zweyer, M. 145